

AA229722
ID AA229722 standard; DNA; 2060 BP.
XX
AC AA229722;
XX

DT 27-MAR-2000 (first entry)
XX
DE Human lung specific gene Lng105.
XX
KW Lung Specific Gene: LSG; Lng105; human; diagnostic marker; prognosticate;
lung cancer; diagnosis; ds.
XX
Homo sapiens.

SH Key
CDS
FT Location/Qualifiers
711. .1973
FT /*tag= a
FT /product = "LSG Lng105 Protein"
XX WO9960160-A1.
XX PD 25-NOV-1999.
PF 12-MAY-1999; 99WO-US010344.
PR 21-MAY-1998; 98US-0086212P.
(DIAD-) DIADEXUS LLC.
PA
PT Yang F, Macina RA, Sun Y;
WPI; 2000-116320/10.
P-PSDB; AA144457.
XX
PT A new method for diagnosing, monitoring and staging lung cancer.
XX
PS Claim 6; Page 34-35; 40pp; English.
XX
CC The present sequence is a lung specific gene (LSG) Lng105 from human
clone ID 31.07312. The LSG has high level of tissue specificity for lungs
CC and is overexpressed in cancerous tissues. The sequence serves as a
CC diagnostic marker for detecting, monitoring, staging and prognosticating
CC lung cancer. The diagnosis involves comparing levels of LSG in samples
obtained from patient and normal control.
XX
SQ Sequence 2060 BP; 458 A; 573 C; 537 G; 492 T; 0 U; 0 Other;

Query Match 37.2%; Score 678.4; DB 3; Length 2060;
Best Local Similarity 97.0%; Pred. No. 6.4e-97;
Matches 704; Conservative 0; Mismatches 1; Indels 15; Gaps 1;

Qy 518 CTGAGAGCTCTCAATACTGGTATGGTAAACGGATGAAACTCGGATATTGGATT 577
Db 1 CTGAGAGCTCTCAATACTGGTATGGTAAACGGATGAAACTCGGATATTGGATT 60
Qy 578 TAGACAGAGGTGCAAGATCCTCAAAGTGATTCTGGATCAACATTCCTT 637
Db 61 TAGACAGAGGTGCAAG-----CCTGGATCGAACATTCCTT 105
Qy 638 CCGGCCACATGACCAAGAGGTCAAACACTCGGAGGCTCGAAGATCCTT 697

Sequence Match 1f
Sequence Match 2f

21 May 3 08:37:19 2004

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